

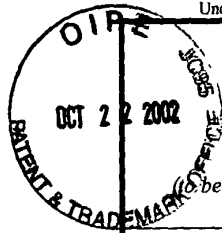
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PTO/SB/021 (08-00)

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/015,199
Filing Date	December 11, 2001
First Named Inventor	Michael Allen Siracki
Group Art Unit	3671
Examiner Name	Meredith Petravick
Attorney Docket Number	1030-15203
Total Number of Pages in This Submission	12

### ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment (for an application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Response to Office Action Dated July 15, 2002 (7 p); Affidavit of Michael A. Siracki (3 p); acknowledgement postcard
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Remarks

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GROUP 3600

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Or Individual Name	Marcella D. Watkins 36,962
Signature	
Date	October 15, 2002

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: October 15, 2002.			
Typed or Printed Name	Sandra K. Begley		
Signature		Date	October 15, 2002

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#4/B  
10/30/02

APPLICANTS:	Michael Allen Siracki	§	GROUP ART UNIT: 3671
SERIAL NO.:	10/015,199	§	EXAMINER: Meredith C. Petravick
FILED:	December 11, 2001	§	
FOR:	High Offset Bits With Super-Abrasive Cutters	§	

**RESPONSE TO OFFICE ACTION DATED JULY 15, 2002**

Attorney Dkt. No.: 1030-15203  
Date: October 14, 2002

Commissioner for Patents  
Washington, D. C. 20231

Sir:

Applicant acknowledges the Office Action dated July 15, 2002. In response, Applicant requests that the Examiner enter the following amendments and reconsider the application.

In the Claims:

Please amend claim 44, by replacement with rewritten claim 44, as follows. A marked up version of the amended claim, showing the changes by underlining of the added text and strikethrough of the deleted text, is appended hereto.

~~44.~~ (Twice Amended) A medium-hard to extremely hard formation-type earth boring bit comprising:

- B
- a) a bit body having a longitudinal bit axis and a bit diameter;
  - b) at least one rolling cone cutter rotatably mounted on the bit body and having an offset of its rotational axis from the bit axis of:
    - i) at least 1/16 inches when the bit diameter is less than 7 inches,
    - ii) at least 3/32 inches when the bit diameter is at least 7 inches and less than 12 inches,
    - iii) at least 5/32 inches when the bit diameter is at least 12 inches; and
  - c) a journal angle being formed between the rotational axis and the bit axis of at least

36°;

- B* d) at least one super-abrasive cutter element located on an inner row of the cone cutter.
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